

Title (en)

DYNAMIC ADJUSTMENT OF INACTIVITY TIMER THRESHOLD FOR CALL CONTROL TRANSACTIONS

Title (de)

DYNAMISCHE EINSTELLUNG EINER INAKTIVITÄTS-TIMER-SCHWELLE FÜR RUFSTEUERUNGSTRANSAKTIONEN

Title (fr)

RÉGLAGE DYNAMIQUE D'UN SEUIL DE TEMPORISATEUR D'INACTIVITÉ POUR DES TRANSACTIONS DE COMMANDE D'APPEL

Publication

EP 2122990 B1 20180418 (EN)

Application

EP 08730430 A 20080221

Priority

- US 2008054624 W 20080221
- US 67710907 A 20070221

Abstract (en)

[origin: US2008198871A1] In general, this disclosure is directed to establishment and release of a connection between a communication device and an access network. More specifically, the techniques of this disclosure are directed to determining when a data flow used for exchanging call control requests becomes inactive. For example, a communication device may dynamically adjust an inactivity timer threshold associated with the data flow used by applications to exchange call control messages when a new call control transaction starts or an existing call control transaction ends, e.g., by selecting a single inactivity timer threshold for the data flow to satisfy minimum connection requirements of existing call control transactions, recently ended call control transactions and the new call control transaction. The data flow is considered inactive when no applications send or receive messages via the data flow for a period of time that exceeds the adjusted inactivity timer threshold.

IPC 8 full level

H04L 29/06 (2006.01)

CPC (source: EP KR US)

H04L 69/28 (2013.01 - EP US); **H04W 74/08** (2013.01 - KR); **H04W 76/38** (2018.01 - EP US); **H04W 80/10** (2013.01 - KR);
H04W 80/10 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2008198871 A1 20080821; **US 7898995 B2 20110301**; CN 101617519 A 20091230; CN 101617519 B 20130814; EP 2122990 A2 20091125; EP 2122990 B1 20180418; JP 2010521833 A 20100624; JP 5074530 B2 20121114; KR 101064421 B1 20110914; KR 20090122961 A 20091201; TW 200901714 A 20090101; TW I403140 B 20130721; WO 2008103856 A2 20080828; WO 2008103856 A3 20081120

DOCDB simple family (application)

US 67710907 A 20070221; CN 200880005664 A 20080221; EP 08730430 A 20080221; JP 2009551018 A 20080221; KR 20097019672 A 20080221; TW 97106176 A 20080221; US 2008054624 W 20080221